

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	24	("20010045364"   "20030226763"   "3917520"   "4155712"   "4629664"   "5843297"   "6299744"   "6350539"   "6368492"   "6432284"   "6533919").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:16
S2	1292	(MEA (membrane adj electrode adj assembly) (anode and cathode and (ion with membrane))) and (capillary with (action force))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/14 11:23
S3	493	(MEA (membrane adj electrode adj assembly) (anode and cathode and (ion with membrane))) and (capillary with (action force)) and (hydrogen H2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:21
S4	1	S3 and S1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:19
S5	3	(MEA (membrane adj electrode adj assembly) (anode and cathode and (ion with membrane))) and (capillary with (action force)) and (hydrogen H2) and (((non-circulat \$3) (non with circulat \$3)) with (fuel reactant feed))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:24

S6	14	(MEA (membrane adj electrode adj assembly) (anode and cathode and (ion with membrane))) and (capillary with (action force)) and (hydrogen H2) and (((non-flow \$3) (non with flow\$3) (non-circulat\$3) (non with circulat\$3)) with (fuel reactant feed))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 13:24
S7	109	(MEA (membrane adj electrode adj assembly) (anode and cathode and (ion with membrane))) and (capillary with (action force)) and (pore porous wick wick\$3) and ((hydrophilic) same (hydrophobic))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 11:09
S8	1013	(electrolyzer same (fuel adj cell))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/14 12:01
S9	541	(electrolyzer same (fuel adj cell) same (hydrogen H2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/14 12:06
S10	177	(electrolyzer same (fuel adj cell) same (hydrogen H2)) and (methanol CH3OH)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/14 12:06
S11	10	(MEA (membrane adj electrode adj assembly) (anode and cathode and (ion with membrane))) and (capillary with (action force)) and (pore porous wick wick\$3) and (((hydrophilic) same (hydrophobic)) same (pore adj size))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 11:10

S12	24	("20010045364"   "20030226763"   "3917520"   "4155712"   "4629664"   "5843297"   "6299744"   "6350539"   "6368492"   "6432284"   "6533919").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 12:00
S13	1	electrolyz\$3 and (mea (membrane adj electrode adj assembly))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 12:20
S14	613	electrolyz\$3 and (mea (membrane adj electrode adj assembly))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 12:20
S15	257	electrolyz\$3 and (mea (membrane adj electrode adj assembly)) and ((cool \$3 with (gas fuel water)) ((recover recover\$3) with (gas fuel water)) (condens \$3 with (gas fuel water)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 12:22
S16	162	electrolyz\$3 and (mea (membrane adj electrode adj assembly)) and ((cool \$3 with (gas fuel water)) ((recover recover\$3) with (gas fuel water)) (condens \$3 with (gas fuel water))) and (wick wick \$3 pore porous)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 13:06
S17	5	electrolyz\$3 and (mea (membrane adj electrode adj assembly)) and ((cool cool\$3 condens\$3) near2 (methanol fuel water) with (recover recover\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 12:26

S18	331	electrolyz\$3 and (mea (membrane adj electrode adj assembly)) and (wick wick\$3 pore porous) and (cool\$3 (port system))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 13:07
S19	53	electrolyz\$3 and (mea (membrane adj electrode adj assembly)) and (wick wick\$3 pore porous) and (cool\$3 near2 (port system))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 13:19
S20	1	electrolyz\$3 and (mea (membrane adj electrode adj assembly)) and (wick wick\$3 pore porous) and ((spiral coil) same (stack))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 13:20
S21	2	electrolyz\$3 and (mea (membrane adj electrode adj assembly)) and ((spiral coil) same (stack))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 13:21
S22	23	electrolyz\$3 and (mea (membrane adj electrode adj assembly)) and ((spiral coil circular) same (stack))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 13:25
S23	14	((fuel adj cell) electrolyz\$3) and (mea (membrane adj electrode adj assembly)) and ((spiral coil circular) same (stack) same geometry)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 13:43
S24	82	fuel adj cell with stack with geometry	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 13:29

S25	1	(fuel adj cell with stack with geometry) same spiral	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 13:31
S26	12	(fuel adj cell with stack with geometry) same (spiral roll circular coil)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 13:31
S27	2	"6063517".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/17 10:50
S28	40	H01M008\$8 and methanol and ((carbon adj dioxide) near4 channel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/04 10:47
S29	2	"20040137290".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 14:35
S30	2	S29 and ((gas gas\$2 hydrogen) with (capillary))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 14:56
S31	2	S29 and ((gas gas\$2 gaseous hydrogen) with (capillary))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 14:58
S32	433	"429"/\$.ccds. and (methanol with (wick \$3 capillary diffus\$4) with (anode electrode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/11 13:24

S33	103	S32 and (hydrophobic \$5 same hydrophilic \$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/11 13:25
S34	37	H01M008\$8 and (methanol with (wick \$3 capillary diffus\$4) with (anode electrode))	EPO; JPO; DERWENT	OR	ON	2008/02/11 13:26
S35	92	(fuel adj cell) and (methanol with (wick \$3 capillary diffus\$4) with (anode electrode))	EPO; JPO; DERWENT	OR	ON	2008/02/11 13:27
S36	37	H01M008\$8 and (methanol with (wick \$3 capillary diffus\$4) with (anode electrode))	EPO; JPO; DERWENT	OR	ON	2008/02/13 12:54
S37	92	(fuel adj cell) and (methanol with (wick \$3 capillary diffus\$4) with (anode electrode))	EPO; JPO; DERWENT	OR	ON	2008/02/13 12:54
S38	94	S36 or S37	EPO; JPO; DERWENT	OR	ON	2008/02/13 12:54
S39	3699	"429"/\$.ccds. and (fuel with (wick\$3 capillary diffus\$4) with (anode electrode))	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/13 13:05
S40	447	S39 and (hydrophobic \$5 same hydrophilic \$5)	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/13 13:06
S41	168	S40 and (carbon adj dioxide)	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/13 13:06
S42	433	"429"/\$.ccds. and (methanol with (wick \$3 capillary diffus\$4) with (anode electrode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/13 13:06
S43	103	S42 and (hydrophobic \$5 same hydrophilic \$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/13 13:06

S44	99	S41 not S43	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/13 13:06
S46	2757	(fuel adj cell) and (fuel with (wick\$3 capillary diffus\$4) with (anode electrode))	EPO; JPO; DERWENT	OR	ON	2008/02/13 15:20
S47	990	H01M008\$8 and (fuel with (wick\$3 capillary diffus\$4) with (anode electrode))	EPO; JPO; DERWENT	OR	ON	2008/02/13 15:20
S48	2778	S46 or S47	EPO; JPO; DERWENT	OR	ON	2008/02/13 15:23
S49	79	S48 and (hydrophobic \$5 same hydrophilic \$5)	EPO; JPO; DERWENT	OR	ON	2008/02/13 15:24
S50	74	S49 not S38	EPO; JPO; DERWENT	OR	ON	2008/02/13 15:25
S51	4883	(429/21,34.ccls. 204/263.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/13 18:57
S52	915	(429/21,34.ccls. 204/263.ccls.) and ((methanol fuel) with (wick\$3 capillary diffus \$4) with (anode electrode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/13 18:57
S53	101	(429/21,34.ccls. 204/263.ccls.) and ((methanol fuel) with (wick\$3 capillary diffus \$4) with (anode electrode)) and (hydrophobic\$5 same hydrophilic\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/13 18:58
S54	37	H01M008\$8 and (methanol with (wick \$3 capillary diffus\$4) with (anode electrode))	EPO; JPO; DERWENT	OR	ON	2008/02/13 19:00
S55	92	(fuel adj cell) and (methanol with (wick \$3 capillary diffus\$4) with (anode electrode))	EPO; JPO; DERWENT	OR	ON	2008/02/13 19:00
S56	94	S54 or S55	EPO; JPO; DERWENT	OR	ON	2008/02/13 19:00

S57	3699	"429"/\$.ccds. and (fuel with (wick\$3 capillary diffus\$4) with (anode electrode))	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/13 19:00
S58	447	S57 and (hydrophobic \$5 same hydrophilic \$5)	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/13 19:00
S59	168	S58 and (carbon adj dioxide)	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/13 19:00
S60	433	"429"/\$.ccds. and (methanol with (wick \$3 capillary diffus\$4) with (anode electrode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/13 19:00
S61	103	S60 and (hydrophobic \$5 same hydrophilic \$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/13 19:00
S62	99	S59 not S61	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/13 19:00
S63	2757	(fuel adj cell) and (fuel with (wick\$3 capillary diffus\$4) with (anode electrode))	EPO; JPO; DERWENT	OR	ON	2008/02/13 19:00
S64	990	H01M008\$8 and (fuel with (wick\$3 capillary diffus\$4) with (anode electrode))	EPO; JPO; DERWENT	OR	ON	2008/02/13 19:00
S65	2778	S63 or S64	EPO; JPO; DERWENT	OR	ON	2008/02/13 19:00
S66	79	S65 and (hydrophobic \$5 same hydrophilic \$5)	EPO; JPO; DERWENT	OR	ON	2008/02/13 19:00
S67	74	S66 not S66	EPO; JPO; DERWENT	OR	ON	2008/02/13 19:00
S68	55	S53 not (S62 S67 S66 S61)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/13 19:00

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